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# Comparison of Gene Expression in Taxane Sensitive vs. Resistant Tumors

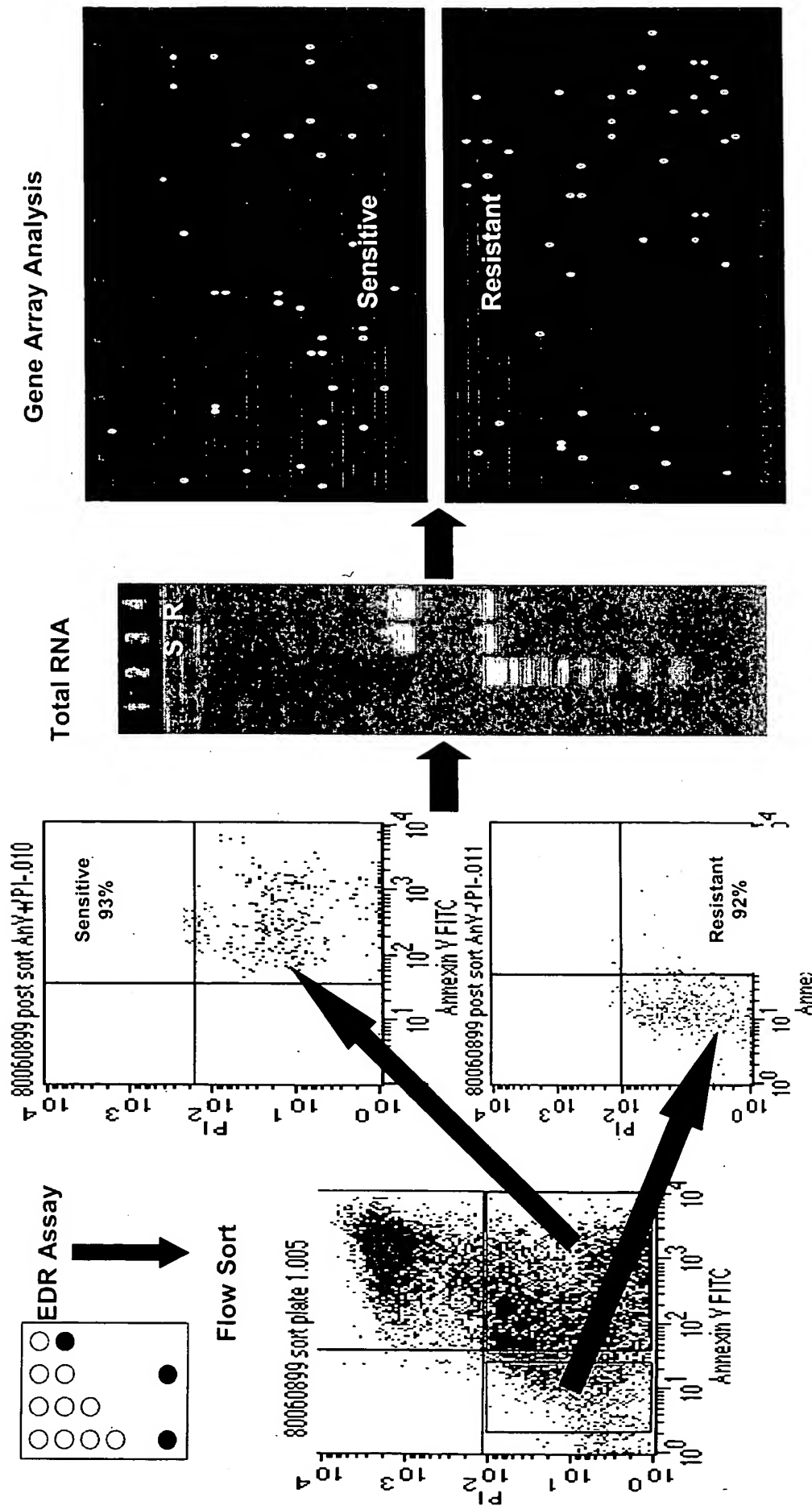
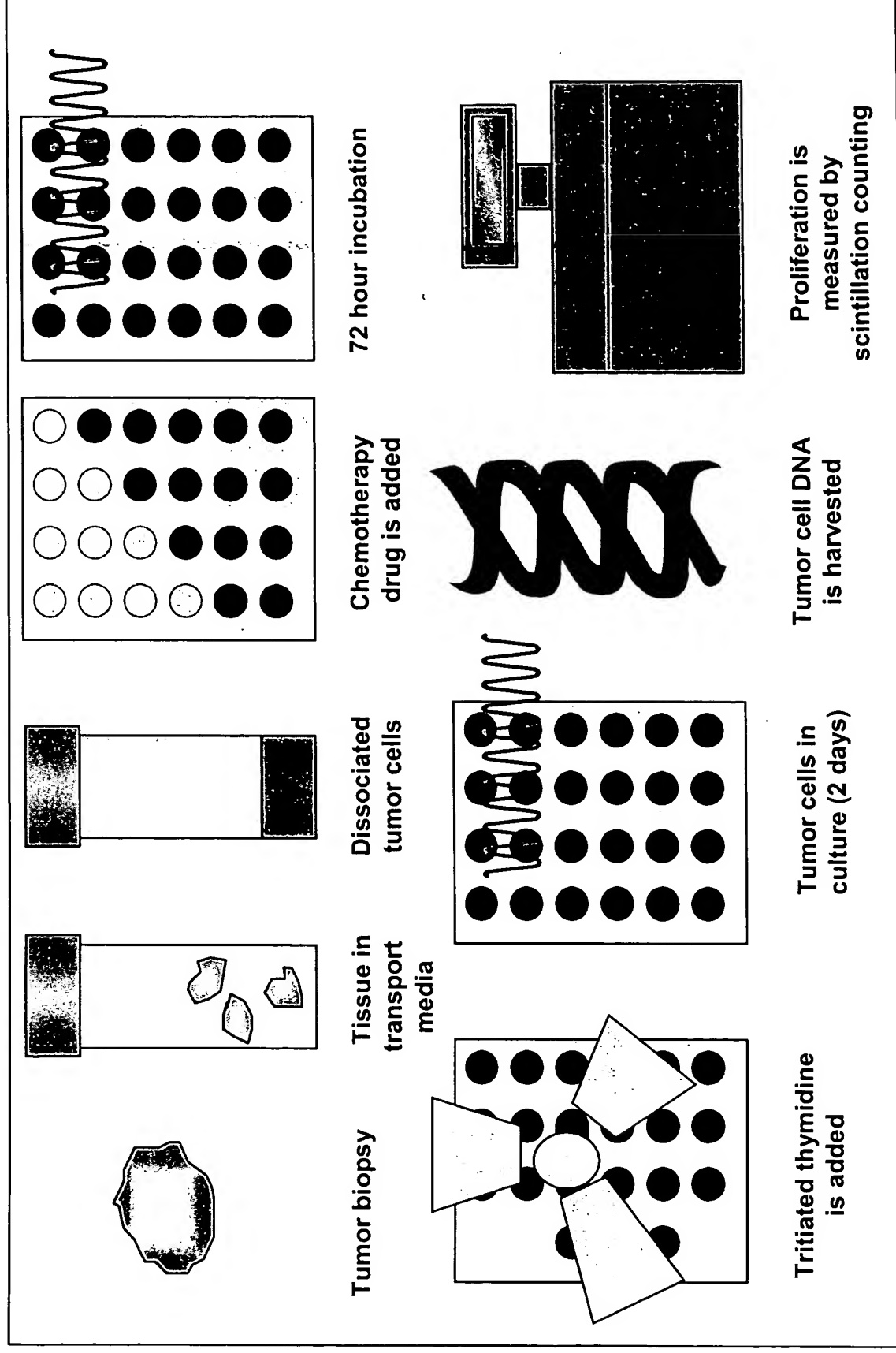


FIGURE 1

# Extreme Drug Resistance (EDR<sup>®</sup>) Assay



**FIGURE 2**

# Oncogene Expression Based Cell Sorting

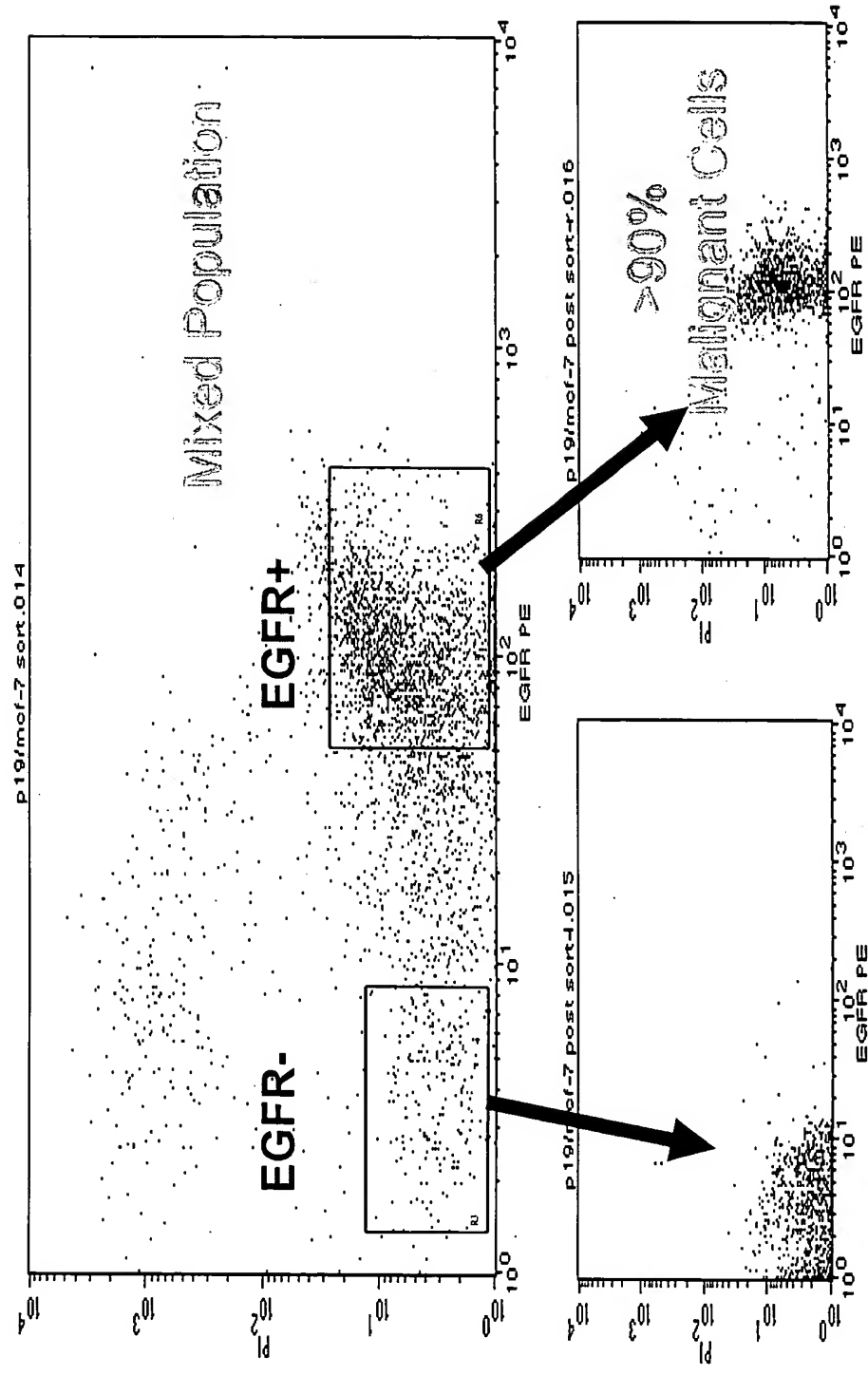


FIGURE 3

# Cell Sorting of Tumor Derived Vascular Endothelial Cells

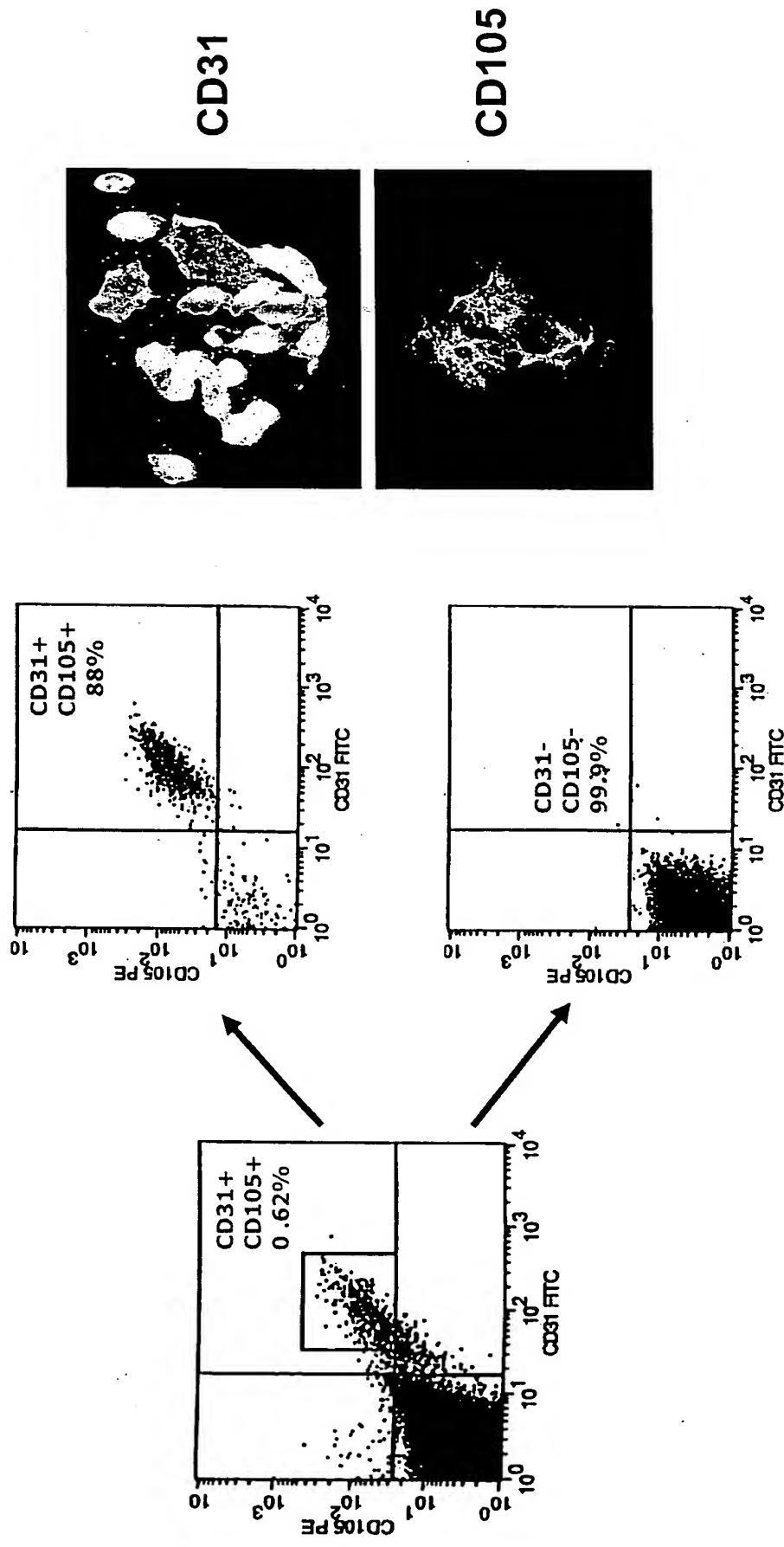
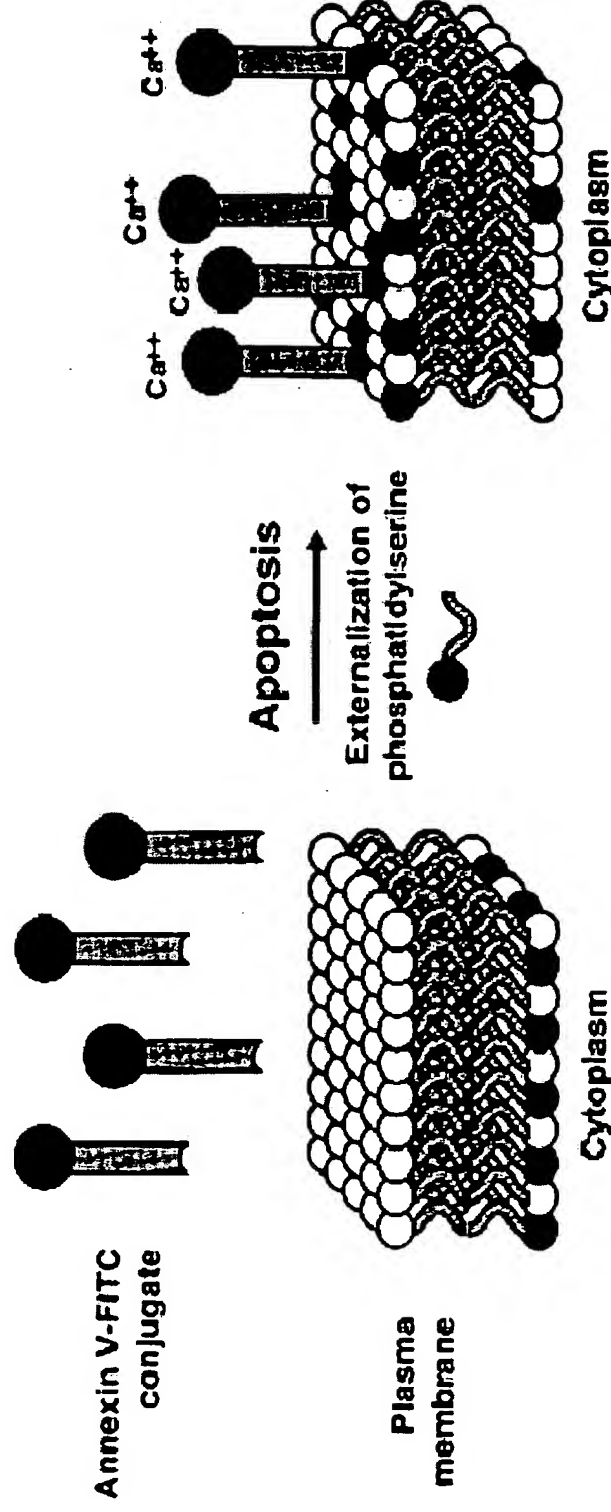


FIGURE 4

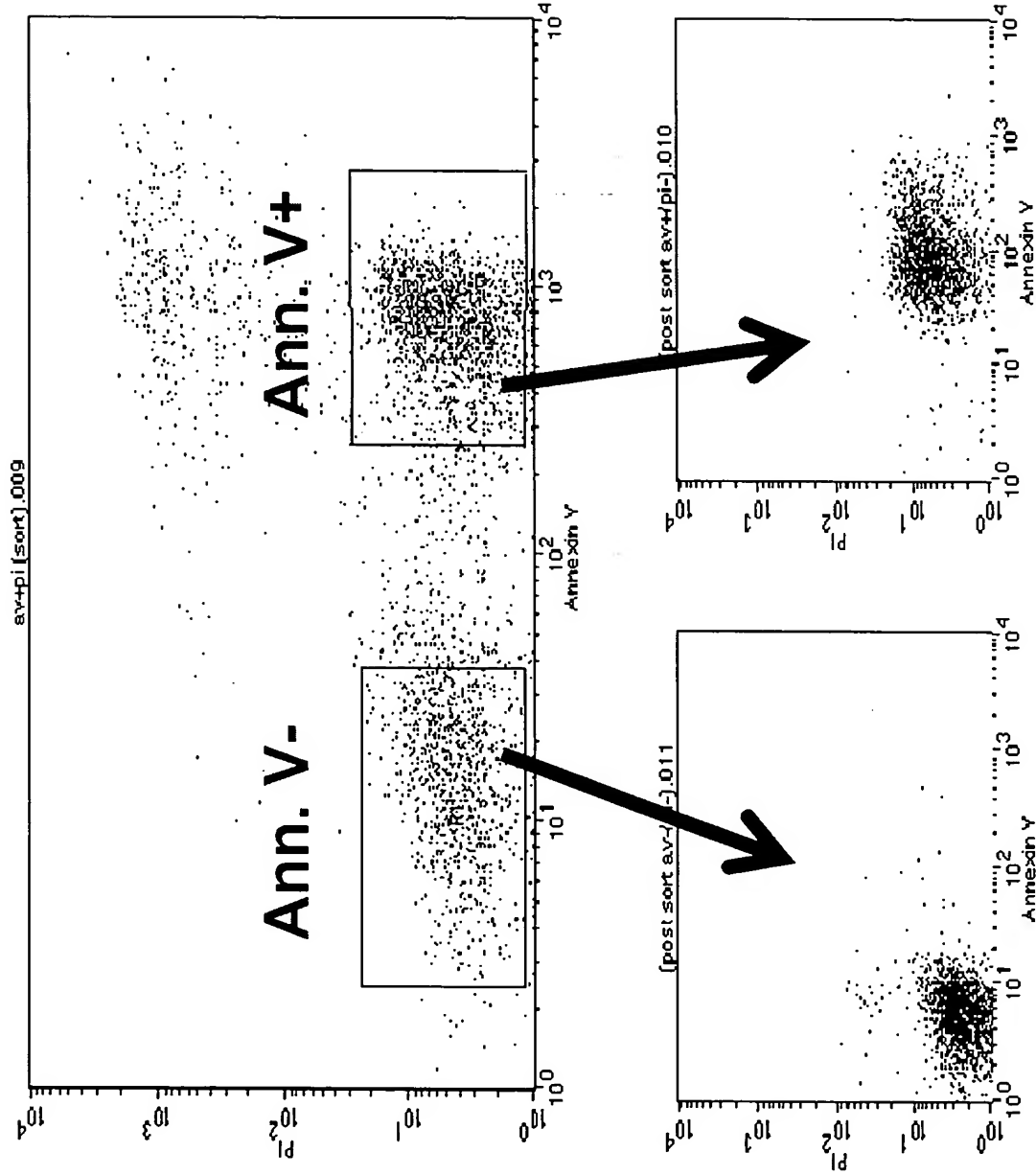
# Annexin V Apoptosis Assay



Schematic Representation of the Annexin V Assay. Early in apoptosis, phosphatidylserine (PS) is translocated from the inner to outer surface of the plasma membrane. In the presence of  $\text{Ca}^{2+}$ , Annexin V has a high affinity for PS. In unfixed cells, Annexin V binds only to PS that has been exposed to the external milieu.

**FIGURE 5**

# Taxane Sensitive and Resistance Subsets by Annexin V and Propidium Iodide Based Cell Sorting



**FIGURE 6**

# Comparison of Induced Gene Expression by Taxane Sensitive vs Resistant Breast Cancer

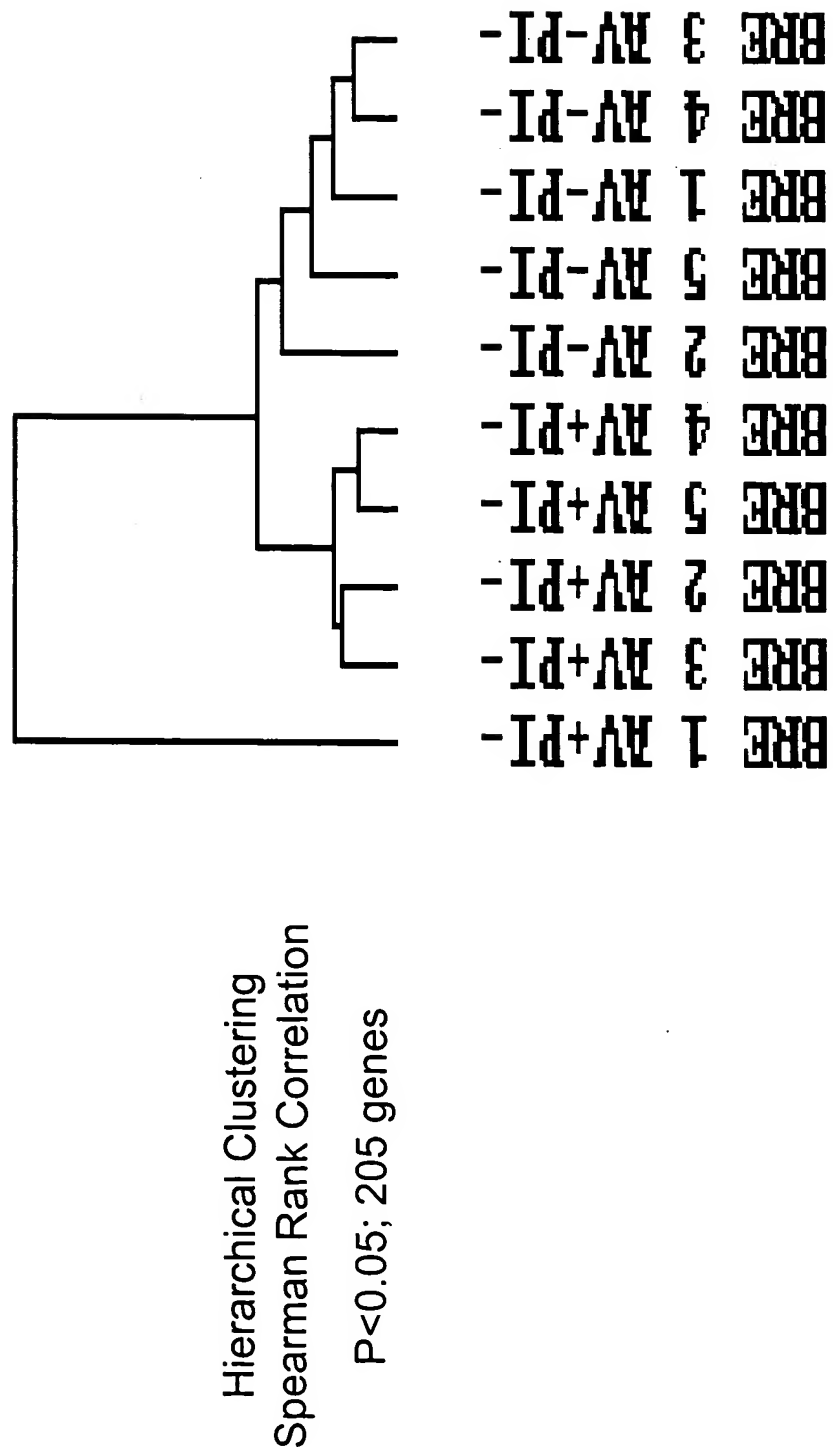
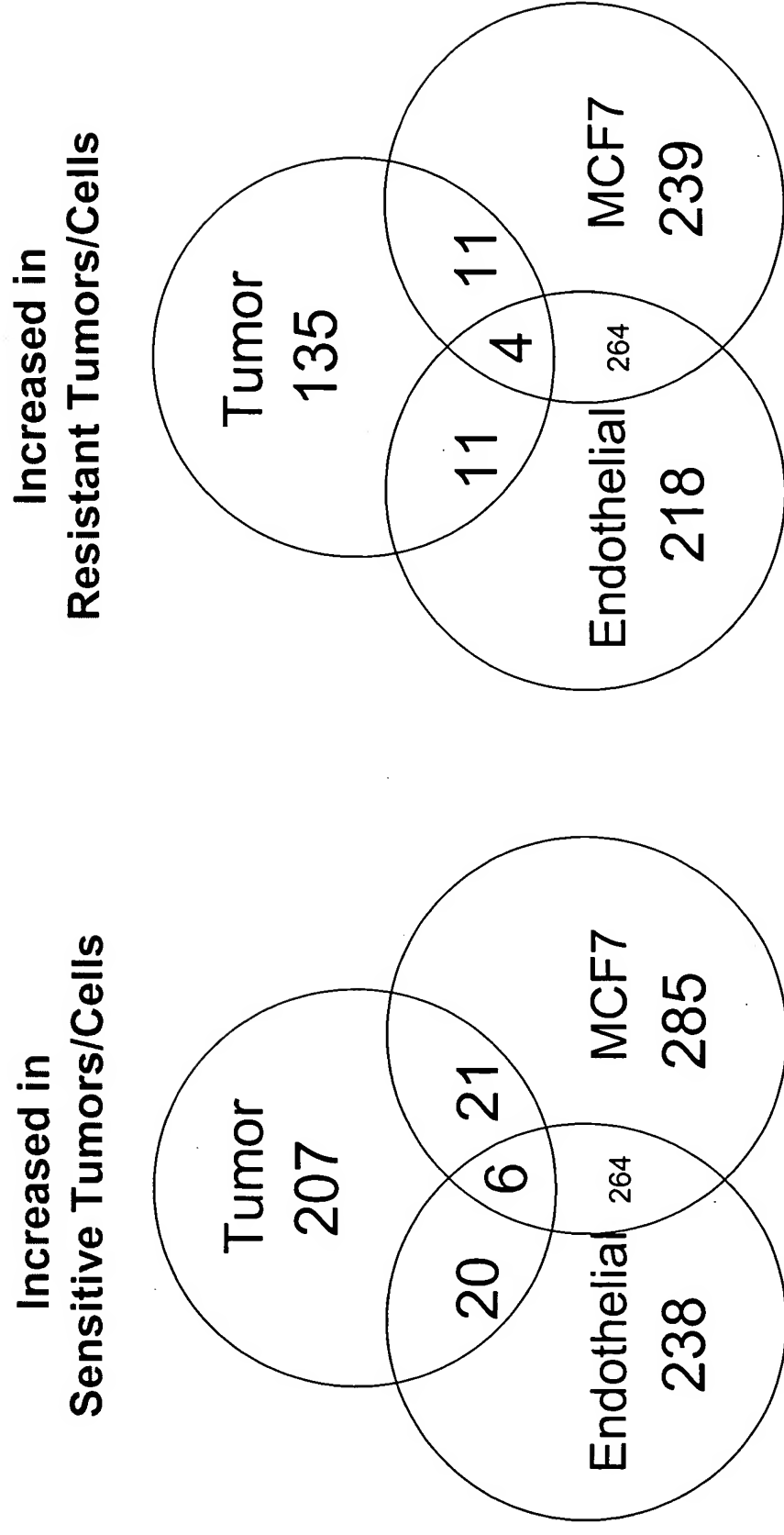


FIGURE 7



# Venn Diagram Isolation of Genes Related to In Vitro Taxane Response Class



**FIGURE 8**